



PDPS Day 1 Introduction

Michael Bopf

mbopf@eos.hitc.com

15 April 1996

PDPS Roadmap



Special Topic: Production Rules

Capture PGE Profile at SSI&T

Describe Production Goals through Production Requests

Accept On-demand Production Requests

Accept Resource Reservations and Create Resource Plans

Planning Production Controls - Create and Activate Production Plans

Coordinate Production from Data Arrival with **Subscription** Notifications

Handle L0 **Data Preparation**

Special Topic: Production Subsetting

Realtime **Production** Controls and PGE Execution Monitoring

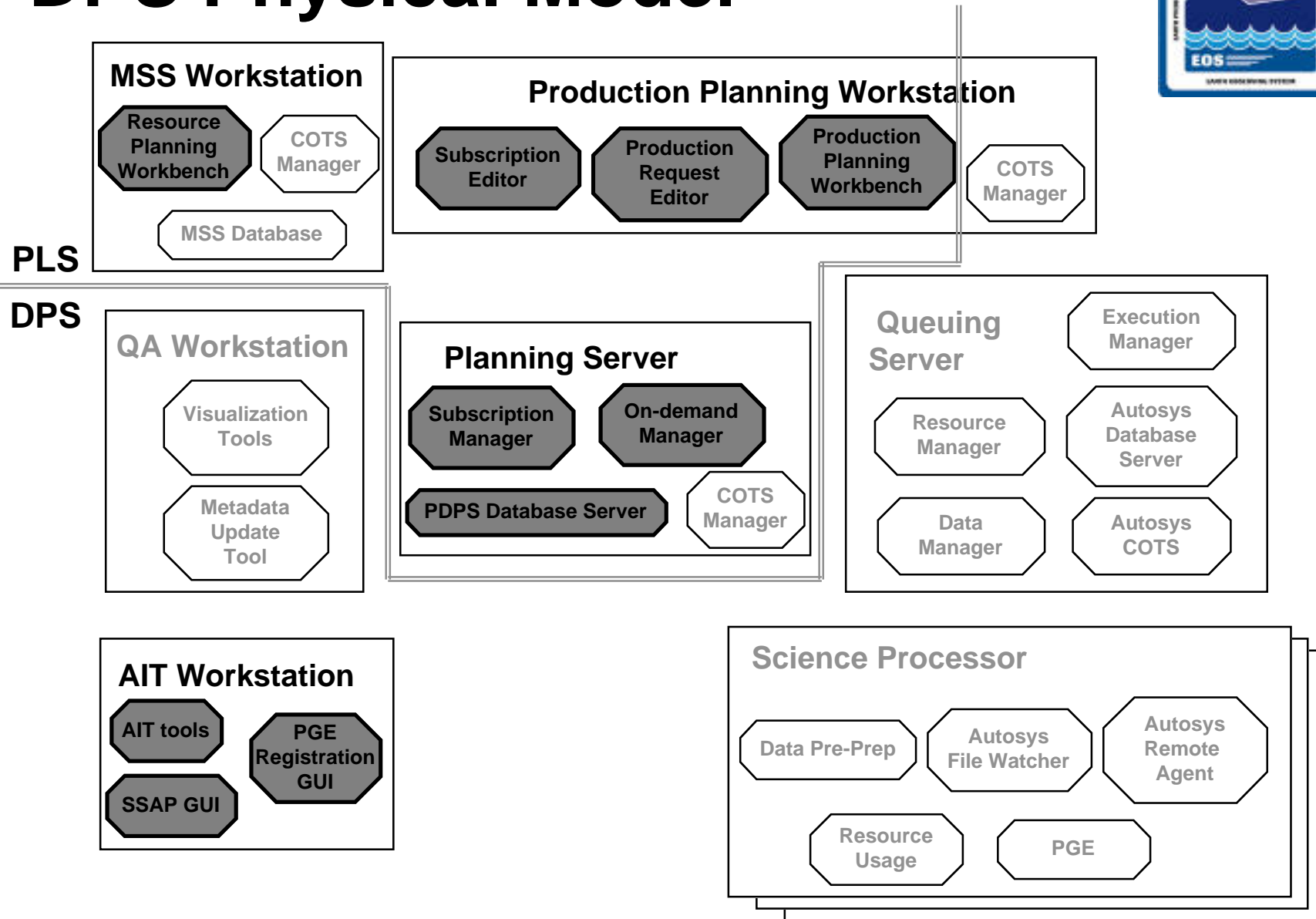
Special Topic: PGE Exit Handling

Quality Assurance Check Output Products

Special Topic: PDPS Database

Special Topic: Ancillary Data Pre-Processing

PDPS Physical Model



CSC Descriptions



Resource Planning Workbench

- Creates Resource Plans containing ground events on resources; this Resource Plan is used by Production Planning Workbench

Subscription Editor

- Manual interface for submitting Planning subscriptions; largely automated in Release B

Production Request Editor

- Creates and modifies Production Requests which are stored in the database

Production Planning Workbench

- Creates and activates Production Plans; provides control for system

Subscription Manager

- Receives notification of data arrival and releases jobs; receives FOS Schedules and schedules from other DAACs and updates database

On-Demand Manager

- Manages On-Demand Production Requests from Data Server and Data Processing

PDPS Database Server

- Used for persistent storage of objects and for communication with Data Processing

PGE Registration GUI

- User interface and tool for the definition of the PGE to the PDPS Database

AIT Tools

- User interfaces and tools for SSI&T verification, checking, report generation, display, and comparison functions.

SSAP GUI

- User interface and tool for the creation, deletion, and modification of Science Software Archive Packages